

Measurement and Analysis for Protocols

Research Group (maprg)

July 30, 2021

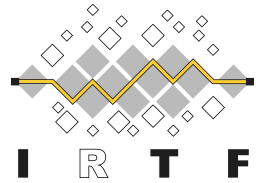
IETF111

co-chairs <maprg-chairs@ietf.org>:

Dave Plonka <dave@plonka.us>

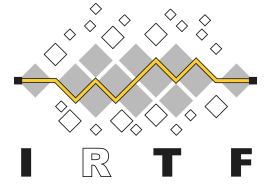
Mirja Kühlewind <mirja.kuehlewind@ericsson.com>

Note Well – Intellectual Property



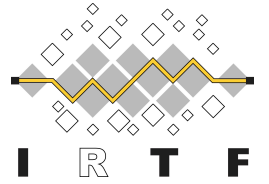
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Goals of the IRTF



- The Internet Research Task Force (IRTF) focuses on longer term research issues related to the Internet while the parallel organisation, the IETF, focuses on shorter term issues of engineering and standards making
- **The IRTF conducts research; it is not a standards development organisation**
- While the IRTF can publish informational or experimental documents in the RFC series, its primary goal is to promote development of research collaboration and teamwork in exploring research issues related to Internet protocols, applications, architecture, and technology
- See “An IRTF Primer for IETF Participants” – [RFC 7418](#)

Administrativa

- Charter: <https://datatracker.ietf.org/group/maprg/charter/>
- Mailing List: maprg@irtf.org
Subscriptions: <https://www.irtf.org/mailman/listinfo/maprg>
- Today's slides: <https://datatracker.ietf.org/meeting/111/session/maprg/>
- Meetecho:
<https://meetings.conf.meetecho.com/ietf111/?group=maprg>
- Jabber: <xmpp:maprg@jabber.ietf.org?join>

IAB Workshop on Measuring Network Quality for End-Users

on 14-16 Sep 2021, 14:00-18:00 UTC, online

The workshop will discuss the following questions:

1. What are the fundamental properties of a network that contribute to good user experience?
2. What metrics quantify these properties, and how to collect such metrics in a practical way?
3. What are the best practices for interpreting those metrics, and incorporating those in a decision making process?
4. What are the best ways to communicate these properties to service providers and network operators?
5. How can these metrics be displayed to users in a meaningful way?

Submissions Due: **Monday 2nd August 2021**, midnight AOE (Anywhere On Earth)

Send Submissions to: network-quality-workshop-pc@iab.org

Workshop co-chairs: Wes Hardaker, Evgeny Khorov, Omer Shapira

See also <https://www.iab.org/activities/workshops/network-quality>

Agenda

14:30 **Overview & Status** (Dave)

14:35 **Measuring Shutdowns and more: Internet Society Pulse** (Mat Ford)

14:45 **QUIC in IPv4 and getting there via HTTP Alt-Svc and DNS HTTPS** (Jan R uth)

14:55 **Feedback from using QUIC's 0-RTT-BDP extension over SATCOM public access**
(Nicolas Kuhn)

15:05 **Multipath TCP Measurement** (Oliver Gasser)

15:15 **Comparative Latency Under Load Performance of Broadband CPE** (Jason Livingood & Sebnem Ozer)